

CLASSIFICATION CONFIDENTIAL
 CENTRAL INTELLIGENCE AGENCY
 INFORMATION FROM
 FOREIGN DOCUMENTS OR RADIO BROADCASTS

REPORT

CD NO.

STAT

COUNTRY China

DATE OF
INFORMATION 1940-41

SUBJECT Economic - Rail, freight transport, data

DATE DIST. 26 Jan 1954

HOW
PUBLISHED Book

NO. OF PAGES 6

WHERE
PUBLISHED DairenDATE
PUBLISHED 25 Dec 1942SUPPLEMENT TO
REPORT NO.

LANGUAGE Japanese

THIS DOCUMENT CONTAINS INFORMATION AFFECTING THE NATIONAL DEFENSE
 OF THE UNITED STATES, WITHIN THE MEANING OF TITLE 18, SECTIONS 793
 AND 794, OF THE U.S. CODE, AS AMENDED. ITS TRANSMISSION OR REVE-
 LATION OF ITS CONTENTS TO OR RECEIPT BY AN UNAUTHORIZED PERSON IS
 PROHIBITED BY LAW. THE REPRODUCTION OF THIS FORM IS PROHIBITED.

THIS IS UNEVALUATED INFORMATION

SOURCE

Showa 16-nendo Tetsudo Tokai Nenpo (Railway Statistical Yearbook for
 Fiscal Year 1941) published by the South Manchuria Railway Company

STAT

DATA ON FREIGHT TRANSPORT IN MANCHURIA
 AND NORTH KOREA FOR 1941

Summary: This report gives data on freight transportation
 on all railway lines in Manchuria and North Korea during fiscal
 year 1941 (from April 1941 to March 1942).

The report is divided into two parts: Part I which gives
 1941 statistical data by railway bureaus, and Part II which
 gives totals of 1940 and 1941 freight transportation.

- 1 -

CLASSIFICATION CONFIDENTIAL

STATE	NAVY	NSRB	DISTRIBUTION							
ARMY	AIR	FBI								

1. 1941 DATA ON FREIGHT TRANSPORTATION IN MANCHURIA AND NORTH KOREA BY RAILWAY BUREAUS

	MUKDEN BUREAU	CHIN-CHOW BUREAU	KIRIN BUREAU	HU-TAY-CHIAO BUREAU	HARBIN BUREAU	TSITSINAR BUREAU	NAJIN BUREAU
<u>FREIGHT OPERATIONAL-KILOMETERS</u>							
END OF FISCAL YEAR (KM)	1,348.4	1,717.4	1,637.0	1,806.5	1,953.5	2,427.5	207.5
TOTAL NO. OF TRAINS OPERATED	492,166.0	626,851.0	597,505.0	647,072.0	713,830.5	886,037.5	75,737.5
DAILY AVERAGE OPERATED (KM)	1,348.4	1,717.4	1,637.0	1,772.8	1,953.5	2,427.5	207.5
<u>FREIGHT TRAIN-KILOMETERS</u>							
TOTAL FOR FISCAL YEAR (KM)	12,478,423.0	5,093,439.0	5,675,064.0	6,110,136.0	7,476,042.0	4,497,277.0	878,820.0
DAILY AVERAGE (KM)	34,187.0	14,530.0	15,548.0	17,233.0	20,482.0	12,321.0	2,408.0
AVERAGE NUMBER OF TRAIN TRIPS PER DAY	25.4	8.5	9.5	9.8	10.5	5.1	11.6
<u>FREIGHT CAR-KILOMETERS (100)</u>							
LOADED CARS	334,390,858.0	53,280,179.0	91,126,624.0	109,140,049.0	166,906,081.0	102,200,869.0	11,224,332.0
EMPTY CARS	108,242,535.0	58,093,822.0	39,485,912.0	61,577,765.0	59,601,343.0	40,556,184.0	5,018,433.0
TOTAL	442,633,393.0	157,286,001.0	130,612,536.0	170,727,814.0	226,507,424.0	142,757,053.0	16,242,765.0
<u>LOADED CAR RATIO</u>							
LOADED CARS	75.5	62.6	69.8	63.9	73.7	71.6	69.1
EMPTY CARS	24.5	37.4	30.2	36.1	26.3	28.4	30.9

ADJOINING PAGE 3 HERE

STAT

ADJOINS PAGE 2 HERE 7

AVERAGE NO OF FREIGHT CARS IN TRANSIT PER DAY PER KILOMETER (CARS)	899.4	250.9	218.6	263.8	317.3	161.1	214.5
AVERAGE NO OF FREIGHT CARS PER TRAIN							
LOADED CARS	26.8	18.6	16.1	17.3	22.3	22.7	12.8
EMPTY CARS	8.7	11.1	6.9	9.8	8.0	9.0	5.7
TOTAL	35.5	29.7	23.0	27.1	30.3	31.7	18.5
TOTAL FREIGHT HAULED (MT)							
LESS THAN CARLOADS	1,580,697	330,324	381,305	382,375	672,452	353,332	96,841
CARLOADS	37,571,149	10,348,569	12,425,802	14,784,815	16,341,568	7,509,211	3,029,435
TOTAL	39,151,846	10,678,913	12,807,107	15,167,190	17,014,420	8,262,543	3,128,276
RATIO OF CARLOADS AND LESS THAN CARLOADS (%)							
CARLOADS	96.0	96.5	97.0	97.5	96.0	95.7	96.8
LESS THAN CARLOADS	4.0	3.1	3.0	2.5	4.0	4.3	3.2
AVERAGE TONNAGE HAULED PER DAY (MT)							
CARLOADS	102,934.7	28,352.3	34,043.3	40,506.3	44,772.5	21,669.1	8,299.8
LESS THAN CARLOADS	4,330.7	905.0	1,044.7	1,047.6	1,842.3	968.0	270.8
TOTAL	107,265.4	29,257.3	35,088.0	41,553.9	46,614.8	22,637.1	8,570.6

ADJOINS PAGE 4 HERE 7

CONFIDENTIAL

STAT

ADJOINS PAGE 3 HERE

TOTAL METRIC TONS-KILOMETERS
HAULED (KM)

CARLOADS	9,576,369,309	2,724,532,986	2,275,115,172	3,087,648,074	4,529,503,408	2,474,126,229	281,704,035
LESS THAN CARLOADS	402,958,342	82,300,040	73,518,549	67,635,150	174,773,689	104,369,275	8,946,992
TOTAL	9,979,327,651	2,806,833,026	2,348,633,721	3,155,283,224	4,704,277,097	2,578,495,504	290,651,027

AVERAGE DISTANCE HAULED
PER METRIC TON (KM)

CARLOADS	254.9	263.3	183.1	208.8	277.2	312.8	93.0
LESS THAN CARLOADS	254.9	245.1	192.8	176.9	259.9	295.4	90.5

AVERAGE TONNAGE HAULED
PER OPERATIONAL-KILOMETER (MT)

	20,276.3	4,477.7	3,930.7	4,876.2	6,590.2	2,910.1	3,837.6
--	----------	---------	---------	---------	---------	---------	---------

AVERAGE TONNAGE HAULED
PER TRAIN-KILOMETER (MT)

	799.7	529.2	413.9	500.0	629.2	573.3	330.7
--	-------	-------	-------	-------	-------	-------	-------

AVERAGE TONNAGE HAULED
PER LOADED CAR-KILOMETER (MT)

	29.8	28.5	25.8	28.9	26.2	25.2	25.9
--	------	------	------	------	------	------	------

AVERAGE TONNAGE HAULED
PER ALL CAR-KILOMETER (MT)

	22.5	17.8	18.0	18.5	20.8	18.1	17.9
--	------	------	------	------	------	------	------

CONFIDENTIAL

CONFIDENTIAL

STAT

CONFIDENTIAL

STAT

11. DATA ON 1941 TOTAL FREIGHT TRANSPORTATION IN MANCHURIA
AND NORTH KOREA, COMPARED WITH 1940 TOTAL

<u>FREIGHT OPERATIONAL-KILOMETERS (KM)</u>	<u>1941</u>	<u>1940</u>
END OF FISCAL YEAR	11,097.7	11,039.8
TOTAL KILOMETERS OPERATED	4,039,199.5	3,867,029.0
DAILY AVERAGE OPERATED	11,066.3	10,594.6
<u>FREIGHT TRAIN-KILOMETERS</u>		
TOTAL FOR FISCAL YEAR (KM)	42,619,207.0	36,119,115.0
DAILY AVERAGE (KM)	116,765.0	98,957.0
AVERAGE NUMBER OF TRAIN TRIPS PER DAY	10.6	9.3
FREIGHT CAR-DAYS	10,333,166.0	8,546,694.0
<u>FREIGHT CAR-KILOMETERS (KM)</u>		
LOADED CARS	913,380,992.0	768,114,919.0
EMPTY CARS	373,385,994.0	295,426,470.0
TOTAL	1,286,766,986.0	1,063,541,389.0
<u>LOADED CAR RATIO (%)</u>		
LOADED CARS	71.0	72.2
EMPTY CARS	29.0	27.8
<u>AVERAGE DAILY FREIGHT CAR-KILOMETER PER CAR (KM)</u>	124.5	124.5
<u>AVERAGE NO OF FREIGHT CARS IN TRANSIT PER DAY PER KILOMETER (CARS)</u>	318.6	275.0
<u>AVERAGE NO OF FREIGHT CARS PER TRAIN</u>		
LOADED CARS	21.4	21.3
EMPTY CARS	8.8	8.1
TOTAL	30.2	29.4
<u>TOTAL FREIGHT HAULED (MT)</u>		
LESS THAN CARLOADS	2,771,348.0	3,126,981.0
CARLOADS	70,672,577.0	60,259,424.0
TOTAL	73,443,925.0	63,386,405.0
<u>RATIO OF CARLOADS AND LESS THAN CARLOADS (%)</u>		
CARLOADS	96.2	95.1
LESS THAN CARLOADS	3.8	4.9

- 5 -

CONFIDENTIAL

CONFIDENTIAL

STAT

	<u>1941</u>	<u>1940</u>
<u>AVERAGE TONNAGE HAULED PER DAY (MT)</u>		
CARLOADS	193,623.5	165,094.3
LESS THAN CARLOADS	7,592.7	8,567.1
TOTAL	201,216.2	173,661.4
<u>TOTAL METRIC TONS-KILOMETERS HAULED (KM)</u>		
CARLOADS	24,948,999,213.0	19,523,390,178.0
LESS THAN CARLOADS	914,502,037.0	1,070,226,491.0
TOTAL	25,863,501,250.0	20,593,616,669.0
<u>AVERAGE DISTANCE HAULED PER METRIC TON (KM)</u>		
CARLOADS	353.0	324.0
LESS THAN CARLOADS	330.0	342.3
<u>AVERAGE TONNAGE HAULED PER OPERATIONAL-KILOMETERS (MT)</u>	6,403.1	5,325.4
<u>AVERAGE TONNAGE HAULED PER TRAIN-KILOMETER (MT)</u>	606.9	570.2
<u>AVERAGE METRIC TONS-KILOMETERS PER CAR (KM)</u>	2,503.0	2,410.0
<u>AVERAGE TONNAGE HAULED PER LOADED CAR-KILOMETER (MT)</u>	28.3	26.8
<u>AVERAGE TONNAGE HAULED PER CAR-KILOMETER (MT)</u>	20.1	19.4

- E N D -

STAT

- 6 -

CONFIDENTIAL